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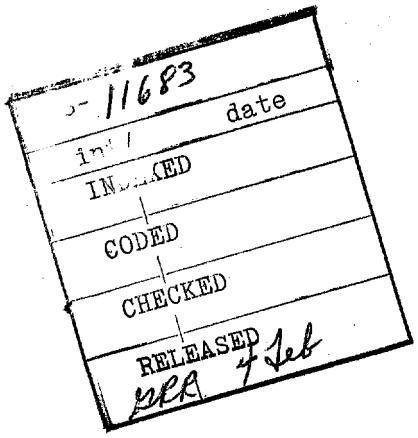
PHOTO INTELLIGENCE MEMORANDUM

ELECTRONIC INSTALLATION, FOOCHOW

GP/I-118

(Project 71.193)

4 August 1955



CENTRAL INTELLIGENCE AGENCY
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PHOTO INTELLIGENCE MEMORANDUM

ELECTRONIC INSTALLATION, FOOCHOW

This report was prepared in answer to a request for detailed photo analysis of possible rhombic antenna installations located near Foochow, China. 25X1D

The antennas were located on the aerial photography of [redacted] The photos have a scale of 1:9450, and were taken with a 36" lens.

The location of the antennas was found to be 26° 06' 15" North latitude, 119° 18' 20" East longitude. Polyconic grid reference, Band III N, Zone "D", 334583. Sheet 8833-II of AMS series L783, 1:50,000 was used. This map sheet was also used in the determination of the angular orientation of the antennas.

The orientation of the antennas was found to be [redacted] This is the orientation of both the large and the small arrays, using the long axes as the references. 25X1D

The two antennae arrays are geometrically similar, as shown by the arrangement of the poles. Each is symmetrical about both axes.

The heights of the poles could be determined only approximately, although both parallax and shadow methods were attempted. Photographs made from copy negatives were the only ones suitable for measurement

because the area on the original photos had been defaced. Because of the poor resolution of the copy prints, precise heights could not be determined. When other prints from the original negatives become available, better height measurements will be made, if still desired.

The heights, distances between poles, and relative location of the poles are shown on enclosures 1 and 2.

Aside from the poles, only one characteristic of the installation was noted. It is a small building, enclosed by a compound-like fence, and appears to be a part of the electronics-antenna complex.

The heights of the poles are accurate only to about ± 15'. The distances shown are accurate to ± 5', and the orientation [redacted] 25X1D

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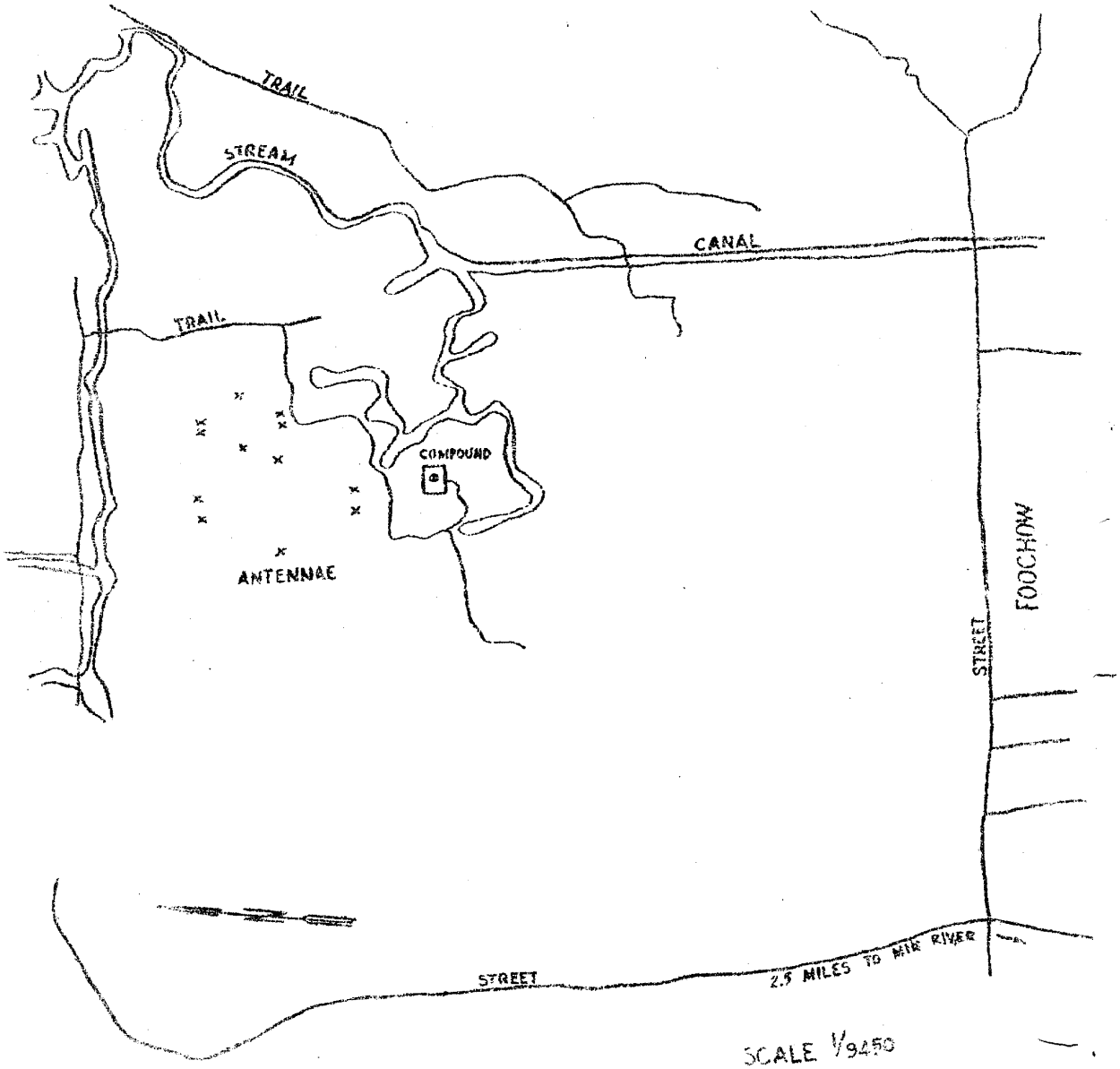

SCALE 1/9450

ENCLOSURE 1

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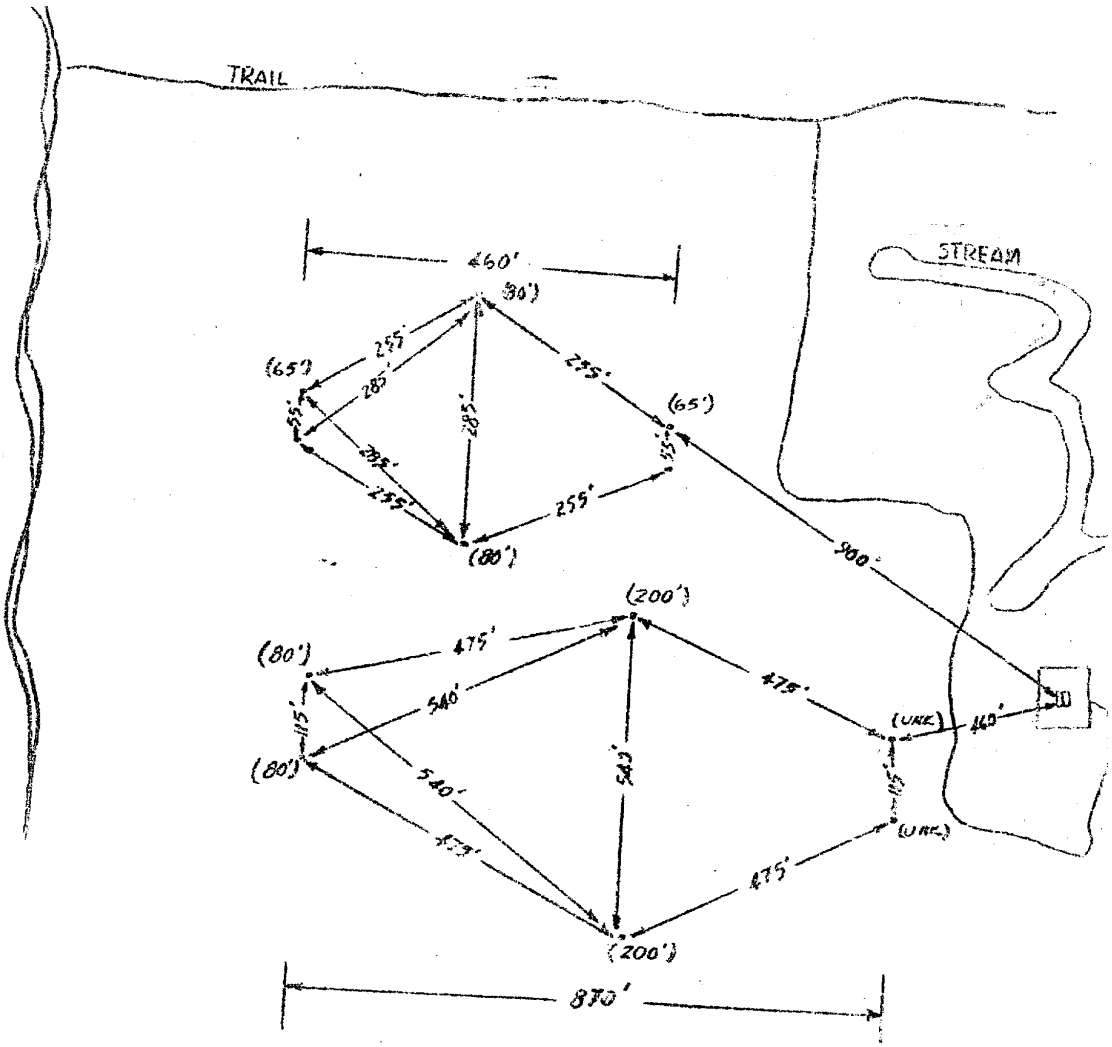

ENCLOSURE 2

NOT DRAWN
TO SCALE

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